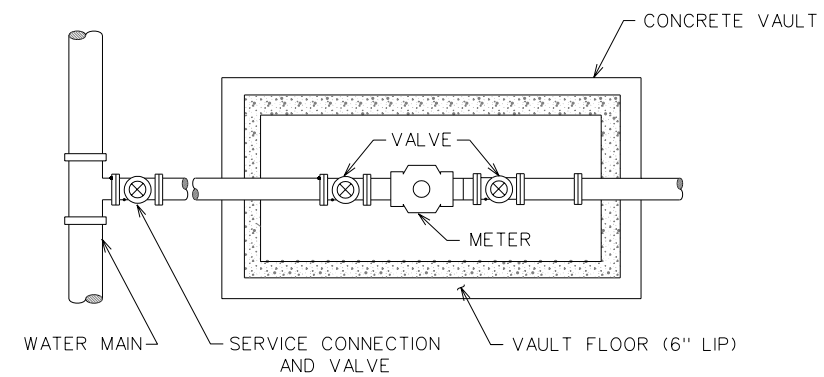


- SPECIAL CONDITIONS
1. METER REGISTER SHALL BE NO DEEPER THAN 12 INCHES BELOW FINISHED GRADE.
 2. FLOOR OF VAULT WILL BE A MINIMUM OF 6 INCHES FROM BOTTOM OF ANY PIPING APPARATUS OR METER WITHIN THE VAULT.
 3. REINFORCED CONCRETE VAULT BASE (FLOOR) SHALL BE CONSTRUCTED USING A STANDARD FIVE SACK CONCRETE MIX AND REINFORCING COMPRISED OF #3 REBAR ON 12 INCH CENTERS WITH A MINIMUM BASE THICKNESS OF 6 INCHES.
 4. SET SCREW RETAINER GLANDS SHALL BE INSTALLED AT EACH FITTING ON MECHANICAL JOINT PIPE.
 5. VALVES SHALL MEET THE CITY SPECIFICATIONS FOR VALVES.
 6. THERE SHALL BE NO PIPING UNDER THE FLOOR OF THE VAULT.

APPROVED 3" OR LARGER COMPOUND METERS, VAULTS & MATERIALS

APPROVED METERS - SENSUS SRH (U. S. GALLONS)
APPROVED VAULTS - PARK DMC-BR
PRE-CAST CONCRETE VAULT WITH ADEQUATE ACCESS AND VAULT DIMENSIONS FOR METER SELECTED
APPROVED MATERIALS - DUCTILE IRON PIPE WITH MECHANICAL JOINT. SET SCREW RETAINER GLANDS WILL BE USED ON ALL M. J. FITTINGS.

ANY DEVIATIONS FROM THE ABOVE SPECIAL CONDITIONS OR APPROVED METERS, VAULTS OR MATERIALS MUST BE SUBMITTED TO THE DIVISION MANAGER, WATER SERVICES, 72 HOURS PRIOR TO ANTICIPATED DEVIATION.

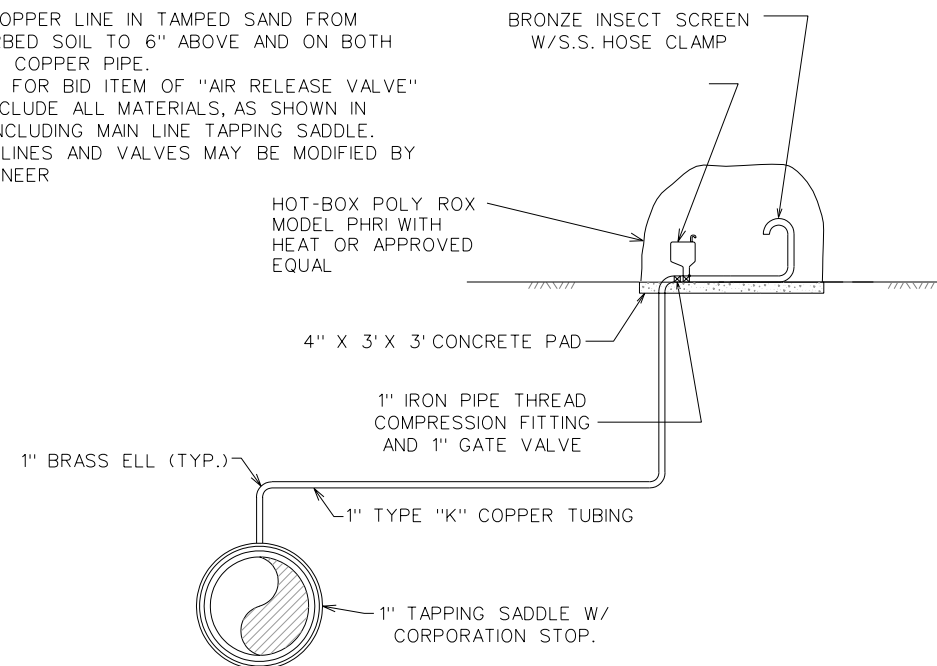


METER VAULT ASSEMBLY

W3-00

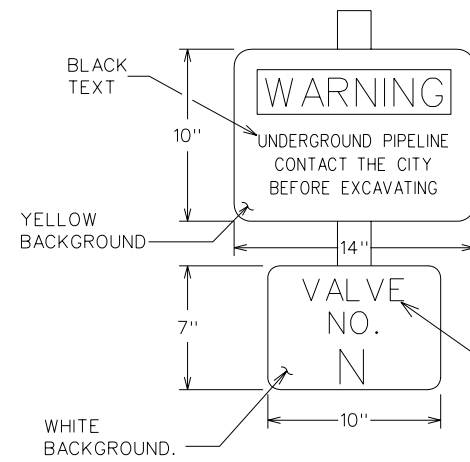
NOTE:

1. EMBED COPPER LINE IN TAMPED SAND FROM UNDISTURBED SOIL TO 6" ABOVE AND ON BOTH SIDES OF COPPER PIPE.
2. PAYMENT FOR BID ITEM OF "AIR RELEASE VALVE" SHALL INCLUDE ALL MATERIALS, AS SHOWN IN DETAIL, INCLUDING MAIN LINE TAPPING SADDLE.
3. SIZE OF LINES AND VALVES MAY BE MODIFIED BY THE ENGINEER



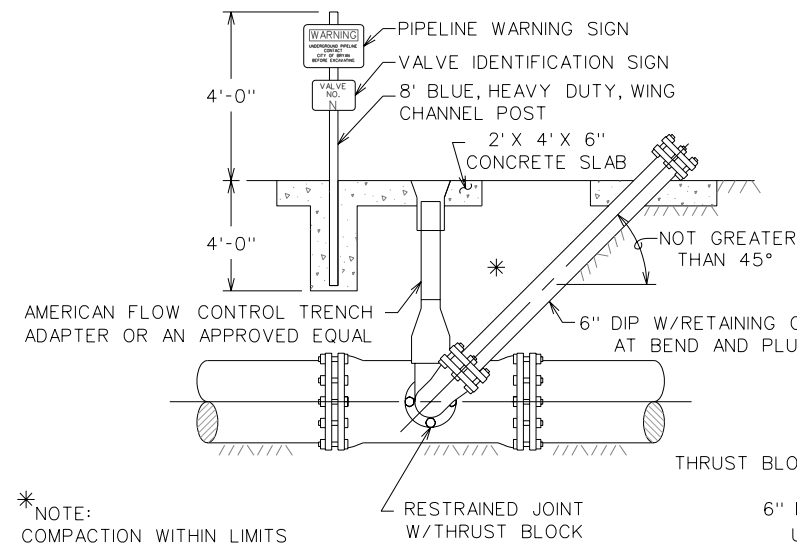
AIR RELEASE VALVE & VACUUM CHECK VALVE

W3-02



NOTES:

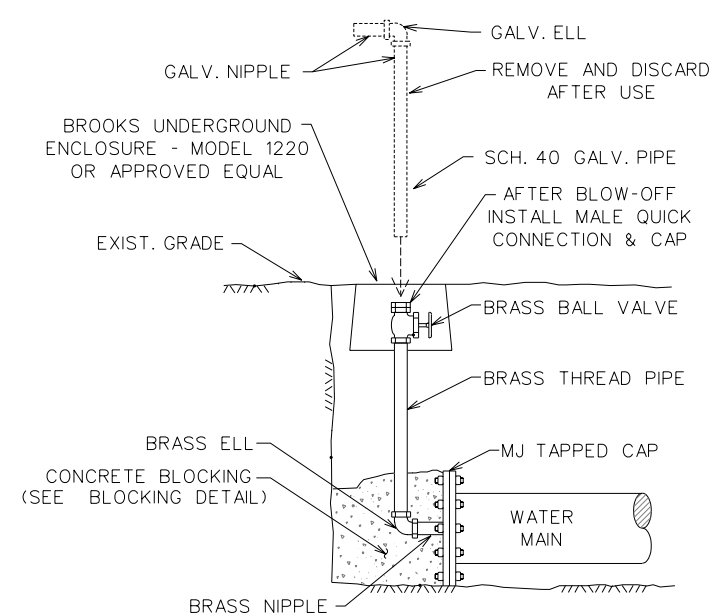
1. FURNISH AS SHOWN ON PLANS AND ON ALL VALVE SIGN POSTS.
2. SIGNS TO BE CONSTRUCTED FROM 20 GA. STEEL BAKED ON ENAMEL FINISH. FURNISH ONE WARNING AND ONE VALVE SIGN AND ONE POST FOR EACH VALVE INSTALLED AND AT OTHER LOCATIONS AS SHOWN ON PLANS. FURNISH SAME NUMBER OF REPLACEMENT SIGNS AS FOR EACH INSTALLED (OMITTING VALVE NUMBER ON VALVE SIGN BLANK) (NOT A SEPARATE PAY ITEM)



* NOTE:
COMPACTION WITHIN LIMITS OF ASSEMBLY SHALL BE 95% STANDARD DENSITY PER ASTM D698

IN-LINE BLOW OFF ASSEMBLY

W3-01



BLOW-OFF RISER

W3-03

REVISIONS:

**BRYAN - COLLEGE STATION
STANDARD WATER DETAILS**



DRAWN BY: #1
DATE: 01-01-05
SCALE: N T S
APPROVED: W.P.K.
FIGURE:

W3
SHEET 3 OF 4